## **EAST Search History**

| Ref<br># | Hits | Search Query   | DBs  | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|--|---------------------|---------|------------------|
| L1       | 2    | "20040264701"  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/06/19 09:19 |
| L4       | 51   | key\$1 with (send\$1 or sent or transmit\$5) with (ir or infrared) and ack\$1  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/06/19 09:28 |
| L6       | 307  | key\$1 with (send\$1 or sent or transmit\$5) with (ir or infrared) and buffer\$1 and @ad<"20031122"  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/06/19 09:29 |
| L5       | 409  | key\$1 with (send\$1 or sent or<br>transmit\$5) with (ir or infrared)<br>and buffer\$1   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/06/19 09:29 |
| L7       | 106  | key\$1 with (send\$1 or sent or transmit\$5) with (ir or infrared) and buffer\$1 with transmi\$6 and @ad<"20031122"  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/06/19 09:30 |
| L9       | 0    | (scrambl\$3 or encrypt\$4 or decrypt\$4) adj key\$1 with (send\$1 or sent or transmit\$5) with (ir or infrared) and buffer\$1 with transmi\$6 and @ad<"20031122" | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/06/19 09:32 |
| L8       | 0    | (scrambl\$3 or encrypt\$4) adj<br>key\$1 with (send\$1 or sent or<br>transmit\$5) with (ir or infrared)<br>and buffer\$1 with transmi\$6 and<br>@ad<"20031122"   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/06/19 09:32 |
| L10      | 14   | (scrambl\$3 or encrypt\$4 or decrypt\$4) adj key\$1 with (send\$1 or sent or transmit\$5) with (ir or infrared) and @ad<"20031122"                               | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR .                | OFF     | 2007/06/19 09:33 |
| L11      | 84   | (ultra adj wide\$1band) and<br>encryption adj key\$1   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/06/19 10:21 |
| L3       | 14   | key\$1 with (send\$1 or sent or transmit\$5) with (ir or infrared) and (uwb or (ultra adj wide\$1band))  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR<br>              | OFF     | 2007/06/19 10:21 |
| L12      | 11   | (ultra adj wide\$1band) and encryption adj key\$1 and @ad<"20031122"   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/06/19 10:40 |

## **EAST Search History**

| L14 | 9    | ad adj hoc same key\$1 near<br>exchang\$3 and infrared  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 10:41 |
|-----|------|---|--|------|-----|------------------|
| L13 | 20   | ad adj hoc same key\$1 near<br>exchang\$3   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 10:41 |
| L2  | 1810 | key\$1 with (send\$1 or sent or transmit\$5) with (ir or infrared)  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 11:04 |
| L15 | 46   | key\$1 with (send\$1 or sent or<br>transmit\$5) with (ir or infrared)<br>and request\$3 with key\$1 and<br>(ack\$1 or acknowledg\$5 or<br>confirm\$6) with key\$1 | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 11:43 |
| L17 | 3862 | transceiver\$1 with buffer\$1   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2007/06/19 12:05 |
| L16 | 43   | transceiver\$1 same buffer same (encrypt\$3 or decrypt\$4)  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 12:05 |
| L19 | 228  | (transmit\$4 or transceiver\$1) with<br>buffer\$1 and (uwb or ultra adj<br>wide adj band)   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 12:20 |
| L18 | . 17 | transceiver\$1 with buffer\$1 and (uwb or ultra adj wide adj band)  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 12:20 |
| L20 | 49   | (transmit\$4 or transceiver\$1) with<br>buffer\$1 and (uwb or ultra adj<br>wide adj band) and (encrypt\$4 or<br>decrypt\$4)                                       | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2007/06/19 12:23 |
| L24 | 2    | (uwb or ultra adj wide adj band)<br>and "20040264701"   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 12:27 |
| L23 | 0    | (uwb or ultra adj wide adj band)<br>and (encrypt\$4 or decrypt\$4) and<br>"20040264701"   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2007/06/19 12:27 |
| L22 | 1    | (transmi\$7 or transceiver\$1) with<br>buffer\$3 and "20040264701"  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 12:27 |

## **EAST Search History**

| L25 | 212  |  |  |      |     |                  |
|-----|------|--|--|------|-----|------------------|
|     | 213  | (transmi\$7 or transceiver\$1) with<br>buffer\$1 and (uwb or ultra adj<br>wide adj band) and (encrypt\$4 or<br>decrypt\$4 or encod\$4 or decod\$4) | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 12:28 |
| L21 | 58   | (transmi\$7 or transceiver\$1) with<br>buffer\$1 and (uwb or ultra adj<br>wide adj band) and (encrypt\$4 or<br>decrypt\$4)                         | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 12:28 |
| L27 | 290  | (transmi\$7 or transceiver\$1) with<br>buffer\$1 and (uwb or ultra adj<br>wide adj band)   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 12:33 |
| L26 | 6    | (transmi\$7 or transceiver\$1) with<br>buffer\$1 and (uwb or ultra adj<br>wide adj band) and (encod\$4 or<br>decod\$4) with key\$1                 | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 12:33 |
| L28 | 83   | (transmi\$7 or transceiver\$1) with<br>buffer\$1 and (uwb or ultra adj<br>wide adj band) and<br>@ad<"20031122"                                     | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 12:46 |
| L29 | 0    | key\$1 near exchang\$3 with (ir or infra\$1red) and (encrypted or secure\$1) adj (data or transmission\$1 or communication\$1) with radio          | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 12:48 |
| L31 | 1660 | 380/259,260,273,277.ccls.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 13:58 |
| L30 | 9    | key\$1 with (ir or infra\$1red) and (encrypted or secure\$1) adj (data or transmission\$1 or communication\$1) with radio                          | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 13:58 |
| L33 | 159  | 455/151.2.ccls.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2007/06/19 14:18 |
| L32 | 1366 | 380/259,260,273,277.ccls. and @ad<"20031122"   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 14:18 |
| L34 | 108  | acknowledg\$6 with encryption adj<br>key\$1  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2007/06/19 14:23 |